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(54) Computer system for delivery of financial services

(57) A computer system is provided for delivery of financial services, such as banking, general insurance, life assurance, pensions and investments, loans and mortgages, and financial planning and advisory services. The system comprises a number of user computers connected to a plurality of server computers by way of

a network, such as the Internet. The system creates at least one mobile agent which obtains details of a user's requirements, obtains financial information from the server computers on behalf of the user in the light of the user's requirements, and then transports itself to the user's computer to deliver the financial information to the user.

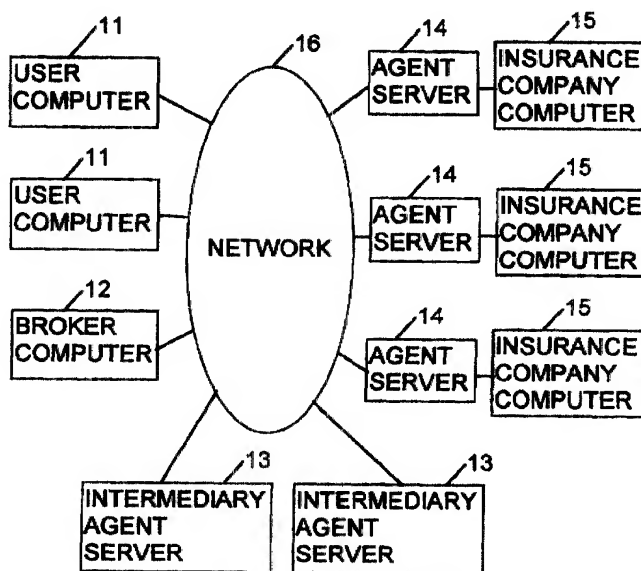


FIG.1

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EUROPEAN SEARCH REPORT

Application Number
EP 98 30 4989

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	FARMER W M ET AL: "Security for mobile agents: Issues and Requirements", NATIONAL INFORMATION SYSTEMS SECURITY CONFERENCE, XX, XX, PAGE(S) 591-597 XP002165465 * page 592, column 2, line 1, paragraph 4 - page 593, column 1, line 12, paragraph 2 *	1-7,10	G06F17/60
Y	--- TAKAHASHI K ET AL: "COLLECTING SHOP AND SERVICE INFORMATION WITH SOFTWARE AGENTS", PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON THE PRACTICAL APPLICATION OF INTELLIGENT AGENTS AND MULTI-AGENT TECHNOLOGY, XX, XX, PAGE(S) 587-595 XP001088826 * abstract *	1-7,10	
Y	--- DOORENBOS R B ET AL: "A SCALABLE COMPARISON-SHOPPING AGENT FOR THE WORLD-WIDE WEB", PROCEEDINGS OF THE FIRST INTERNATIONAL CONFERENCE ON AUTONOMOUS AGENTS MARINA DEL REY, CA., FEB. 5 - 8, 1997, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON AUTONOMOUS AGENTS, NEW YORK, ACM, US, VOL. CONF. 1, PAGE(S) 39-48 XP000915342 ISBN: 0-89791-877-0 * page 40, column 1, line 2 - page 40, column 2, line 17 *	1-7,10	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G06F
Y	--- US 4 831 526 A (ALEXANDER BERNICE ET AL) 16 May 1989 (1989-05-16) * the whole document *	1-7,10	
		-/--	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 12 December 2002	Examiner May, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	ETZIONI O ET AL: "INTELLIGENT AGENTS ON THE INTERNET: FACT, FICTION, AND FORECAST", IEEE EXPERT, IEEE INC. NEW YORK, US, VOL. 10, NR. 4, PAGE(S) 44-49 XP000541232 ISSN: 0885-9000 * the whole document *	1-7,10	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
Y	PERKOWITZ M ET AL: "LEARNING TO UNDERSTAND INFORMATION ON THE INTERNET: AN EXAMPLE-BASED APPROACH", JOURNAL OF INTELLIGENT INFORMATION SYSTEMS: ARTIFICIAL INTELLIGENCE AND DATABASE TECHNOLOGIES, KLUWER ACADEMIC PUBLISHERS, AMSTERDAM, NL, VOL. 8, NR. 2, PAGE(S) 133-153 XP000933994 ISSN: 0925-9902 * the whole document *	1-7,10	
Y	ROESLER M ET AL: "INTELLIGENT AGENTS", ONLINE, WESTON, CT, US, VOL. 18, NR. 4, PAGE(S) 1-13 XP002940099 ISSN: 0146-5422 * the whole document *	1-7,10	
E	WO 98 32289 A (UNIV WASHINGTON) 23 July 1998 (1998-07-23) * the whole document *	1-7,10	
A	CHEN Q ET AL: "DYNAMIC SOFTWARE AGENTS FOR BUSINESS INTELLIGENCE APPLICATIONS", PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON AUTONOMOUS AGENTS MINNEAPOLIS/ST.PAUL, MN, MAY 9 - 13, 1998, PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON AUTONOMOUS AGENTS, NEW YORK, NY: ACM, US, PAGE(S) 453-454 XP002951490 ISBN: 0-89791-983-1 * the whole document *	1-7,10	
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 12 December 2002	Examiner May, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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The members are as contained in the European Patent Office EDP file on
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12-12-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4831526	A	16-05-1989	NONE	

WO 9832289	A	23-07-1998	EP 1008262 A2	14-06-2000
			JP 2001509294 T	10-07-2001
			WO 9832289 A2	23-07-1998

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